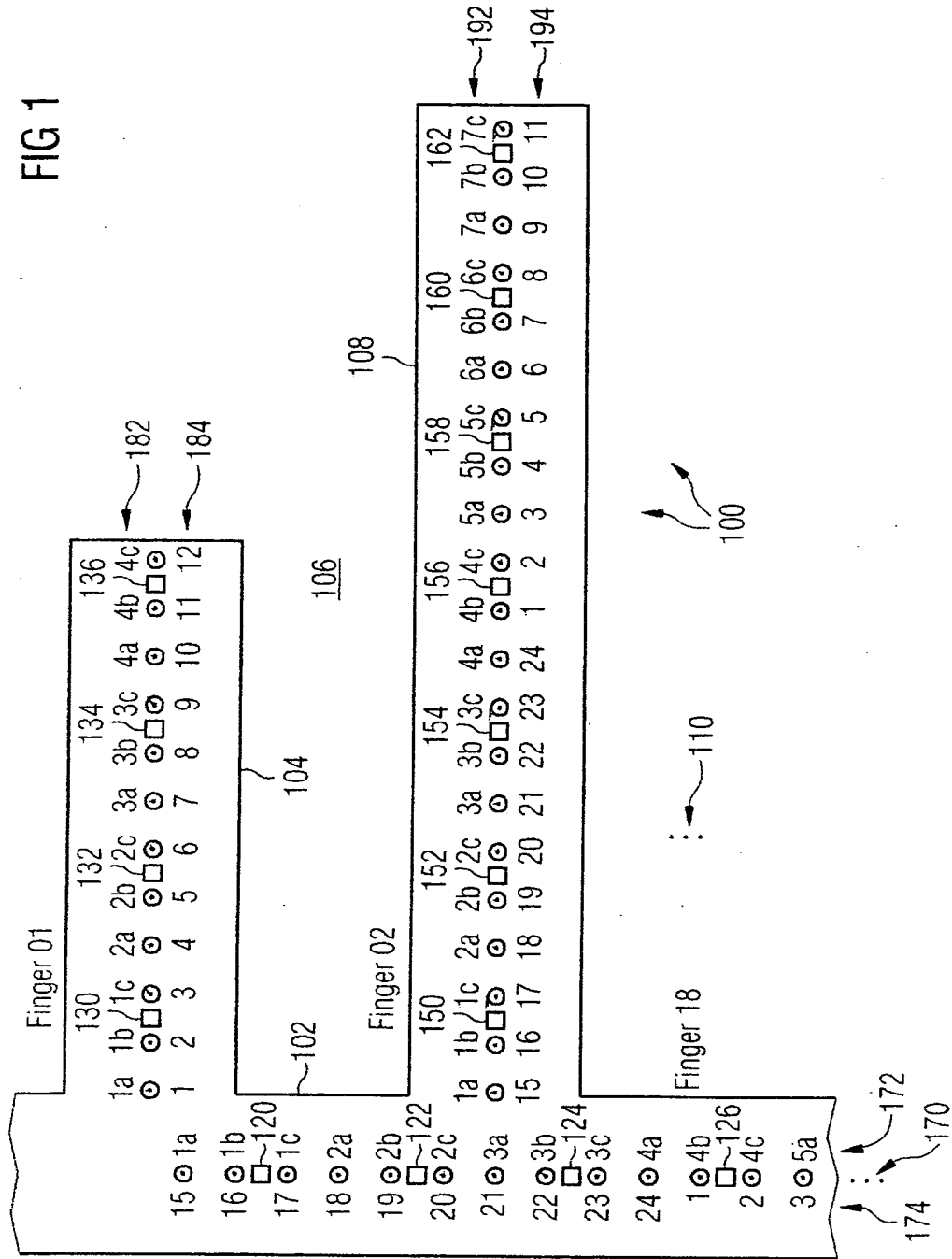


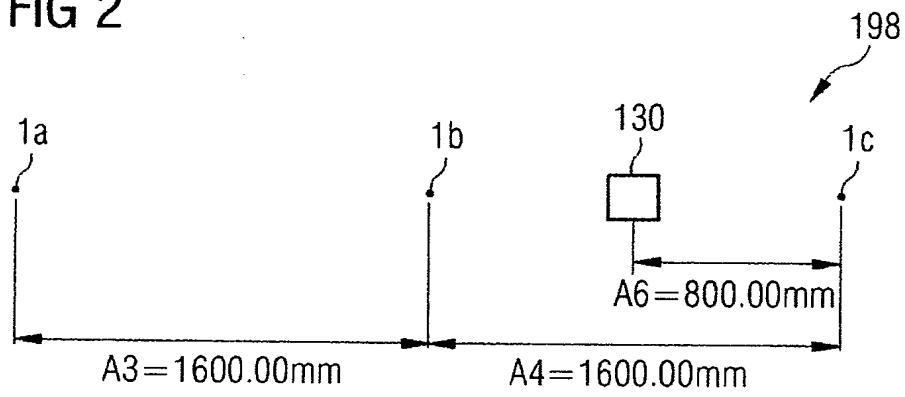
1/6

FIG 1



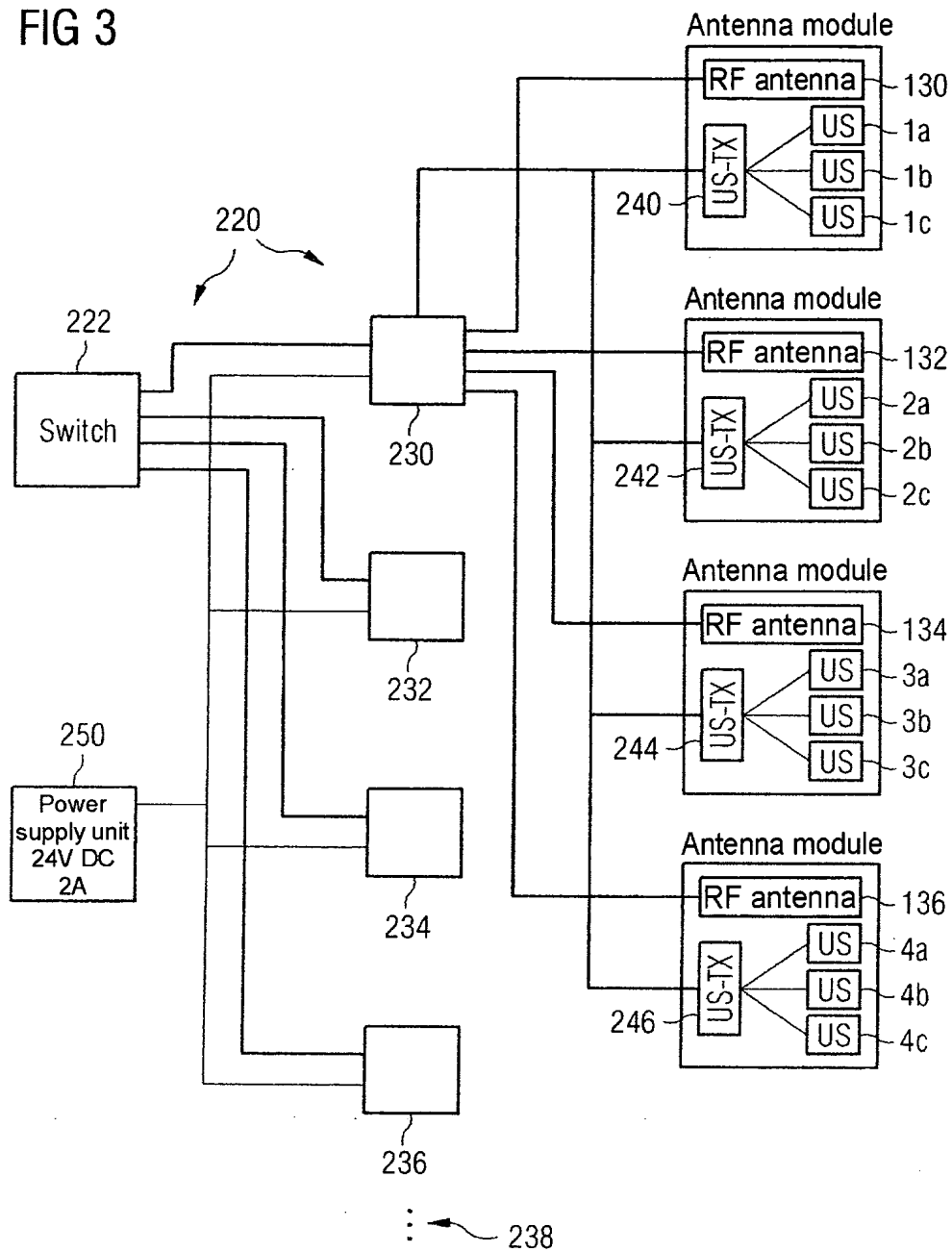
2/6

FIG 2



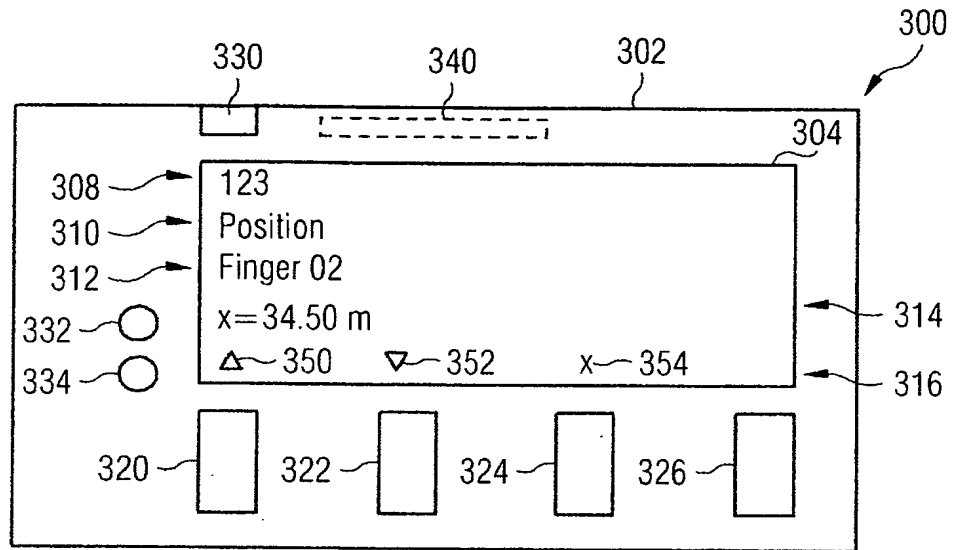
3/6

FIG 3



4/6

FIG 4



[illegible]

6/6

Propagation time determination and feedback by DisTag	Propagation time measurement of the received US signals by the DisTag (example: TagID 123; Time slot 13=12 ms; Time slot 18=14 ms).	500
	Feedback of the propagation times by the DisTag in the form of a telegram (example: TagID 123; Time slot 13=12 ms; Time slot 18=14 ms).	502
Field strength measurement	Measurement of the field strengths of the received DisTag telegrams at the individual RF antennas (example: TagID 123; Rf 0207=45 dB; Rf 0206=30 dB).	504
Coarse localization by BTS server	Field strength of the DisTag at strongest RF antenna (with maximum 1) > 10 dB + Field strength (maximum 2) of the DisTag at RF antenna (with maximum 2)	506
	True	False
Fine localization by BTS server	Assignment of a telegram of a DisTag to an RF antenna in the layout of the building: (US antenna a at the RF antenna 07 in the finger 02)	508
	Aggregation of the field strengths and determination of the centroid in the RF antenna grid or waiting for next measured value	510
Publication decision by BTS server	Determination of the relevant spatial coordinates of the US antennas on the basis of the layout data	512
	Fine localization by simplified trilateration on the basis of the layout data and propagation times (TagID 123; location text: finger 02; 34.5 meters)	514
Publication decision by BTS server	Location of DisTag 123 (t) not identical to location of DisTag (t-1)	516
	True	False
Publication decision by BTS server	Publish the new location of the batch and store it in the database.	518
	No publication	520

FIG 6